LAB-6

- Internal.java.

```
package CIE;
import java.util.Scanner;
public class Internals extends Student{
    Scanner s = new Scanner (System.in);
public int[] cie = new int[5];
        public void get() {
            for (int i=0; i<5; i++){
            System.out.println("Enter the cie
             mark in subject" +(i+1));
             cie[i]=s.nextInt();
             }
        }
}
```

- Student.java.

```
package CIE;
public class Student {
    public String usn;
    public String name;
    public int Sem;
     public Student() { }.
  public Student (String usn, String name, int Sem)
    { this.usn = usn;
        this.name = name;
        this.Sem = Sem;
    }
  }
```

Scanned with CamScanner

• Externals.java

```
package SEE;
import java.util.Scanner;
public class Externals extends CIE.Student{
  public Externals(String usn, String name, int s
  {
    super(usn, name, sem);
  }
  Scanner s = new Scanner(System.in);
public int[] see = new int[5];
      public void get()
        {
          for(int i=0; i<5; i++){
          System.out.println("Enter the SEE
          mark in subject" + (i+1));
          see[i] = s.nextInt();
          }
        }
}
```

• finalmarks.java

```
import CIE.*;
import SEE.*;
import java.util.Scanner;
class finalmarks {
    public static void main(String args[]){
        Scanner s = new Scanner(System.in);
System.out.println("Enter the number of
                    students");
int n = s.nextInt();
```

Scanned with CamScanner

```
SEE.Externals obl[] = new SEE.Externals[n];
CIE.Internals ob[] = new CIE.Internals[n];
for(int i=0; i<n; i++){
System.out.println("Enter the usn, name & Semester of Student" + (i+1));
String u = s.next();
String na = s.next();
int se = s.nextInt();
obl[i] = new SEE.Externals(u, na, se);
obl[i].get();
obE[i] = new CIE.Internals();
ob[i].get();
}
for(int i=0; i<n; i++){
System.out.println("The total marks of Student" + (i+1) + "Are");
for(int j=0; j<5; j++){
System.out.println("Subject" + (j+1) + "=" + (ob[i].cie[j] + obl[i].see[j]));
}
}
}
}
```